Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 8.0.2
Input Device:	Carousel	Date:	01/02/2019 10:47 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910859
Lot ID:	72756	Expiration Date:	10/31/2019
Bead Lot Information:	Available		

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	613	125000	125000	1.67	135017	1.71	21993	3.04
Blue	F	SSC	568	125000	125000	3.14	118684	3.16	53334	2.73
Blue	E	FITC	563	16694	15492	3.40	387	21.26	66	67.39
Blue	D	PE	566	32792	28736	2.63	723	15.99	144	57.14
Blue	B	PerCP-Cy5-5	671	44451	41413	4.44	1225	22.71	226	55.97
Blue	A	PE-Cy7	726	33645	31321	6.93	612	48.15	121	118.97
Red	C	APC	613	47008	41673	2.91	1824	13.72	415	29.05
Red	A	APC-Cy7	585	32298	29962	2.74	813	13.72	199	31.64
Violet	B	V450	486	8961	8318	4.50	497	14.49	73	68.91
Violet	A	V500	496	32726	34199	4.27	787	11.30	112	35.36

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	6.9952	-14.2	N/A	N/A	N/A
Blue	E	FITC	151	234710	7.3799	-16.1	26.6	0.0161	94
Blue	D	PE	46	239848	7.2819	-15.5	27.8	0.1410	316
Blue	B	PerCP-Cy5-5	130	232571	7.3546	-16.1	28.9	0.0075	72
Blue	A	PE-Cy7	53	227512	7.4432	-16.8	28.8	0.0088	25
Red	C	APC	151	236360	7.4042	-16.0	22.1	0.0178	90
Red	A	APC-Cy7	47	237707	7.4422	-16.1	21.6	0.0049	1292
Violet	B	V450	117	237699	7.4001	-15.9	19.5	0.0421	2100
Violet	A	V500	77	237415	7.5821	-15.9	19.1	0.0182	522

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV:	6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-32.96	-32.25	1.03
Blue	20.36	16.27 - 24.41	1.26	0.99 - 1.49	0.00	0.00	1.50
Red	16.03	13.60 - 20.40	N/A	N/A	29.08	29.74	1.21

Window Extension: 7.00
FSC Area Scaling Factor: 0.91

Threshold

Threshold (FSC): 10140

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

Comments

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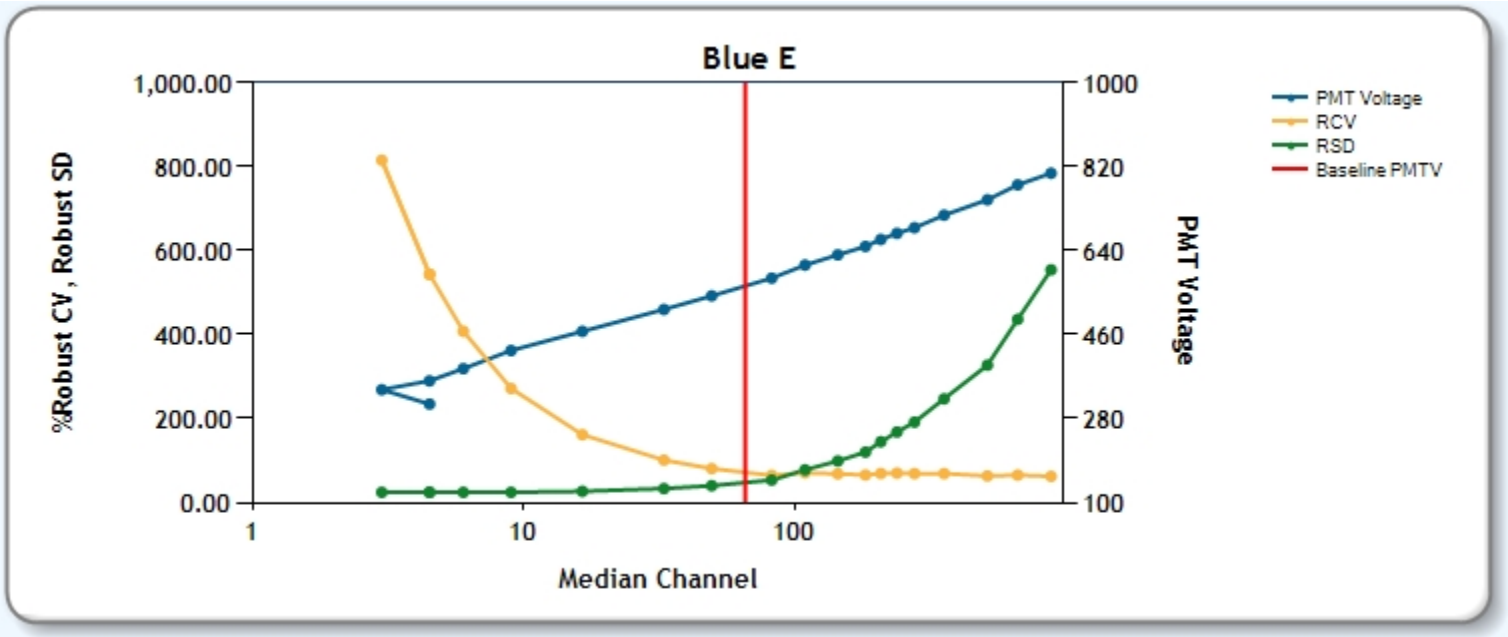
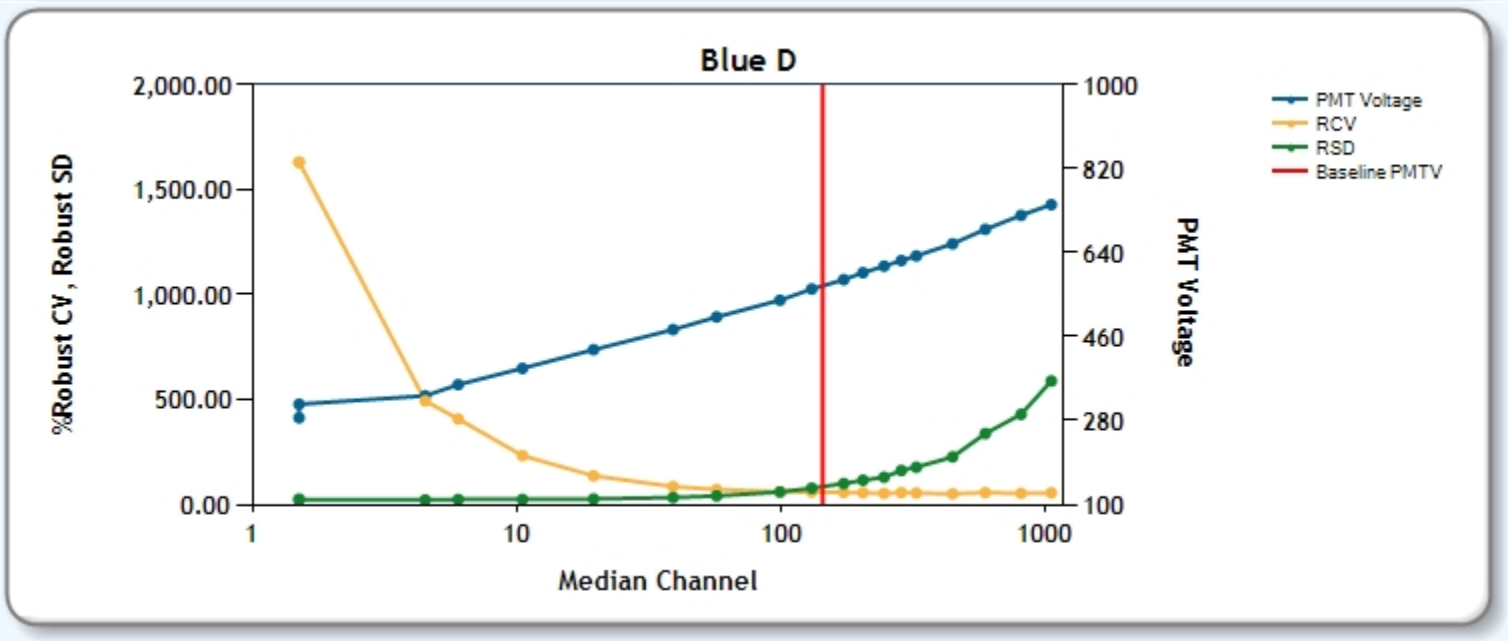
PMTV Optimization Results





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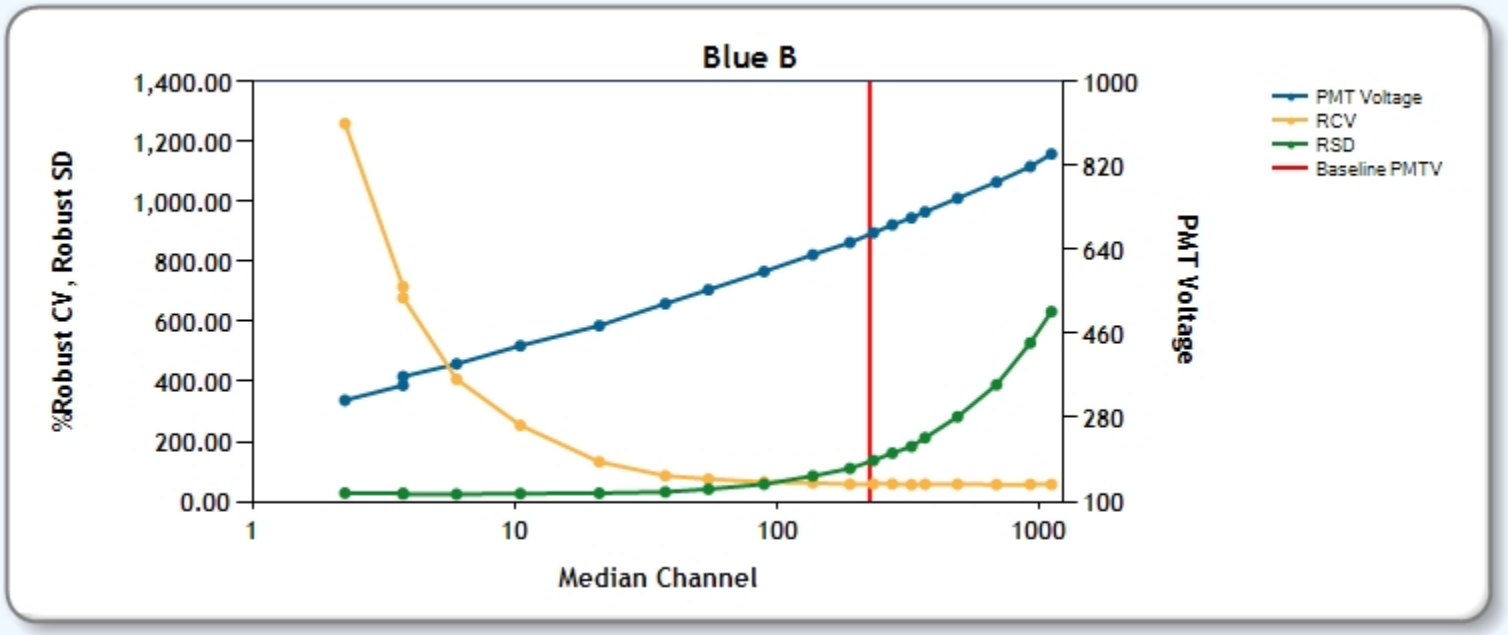

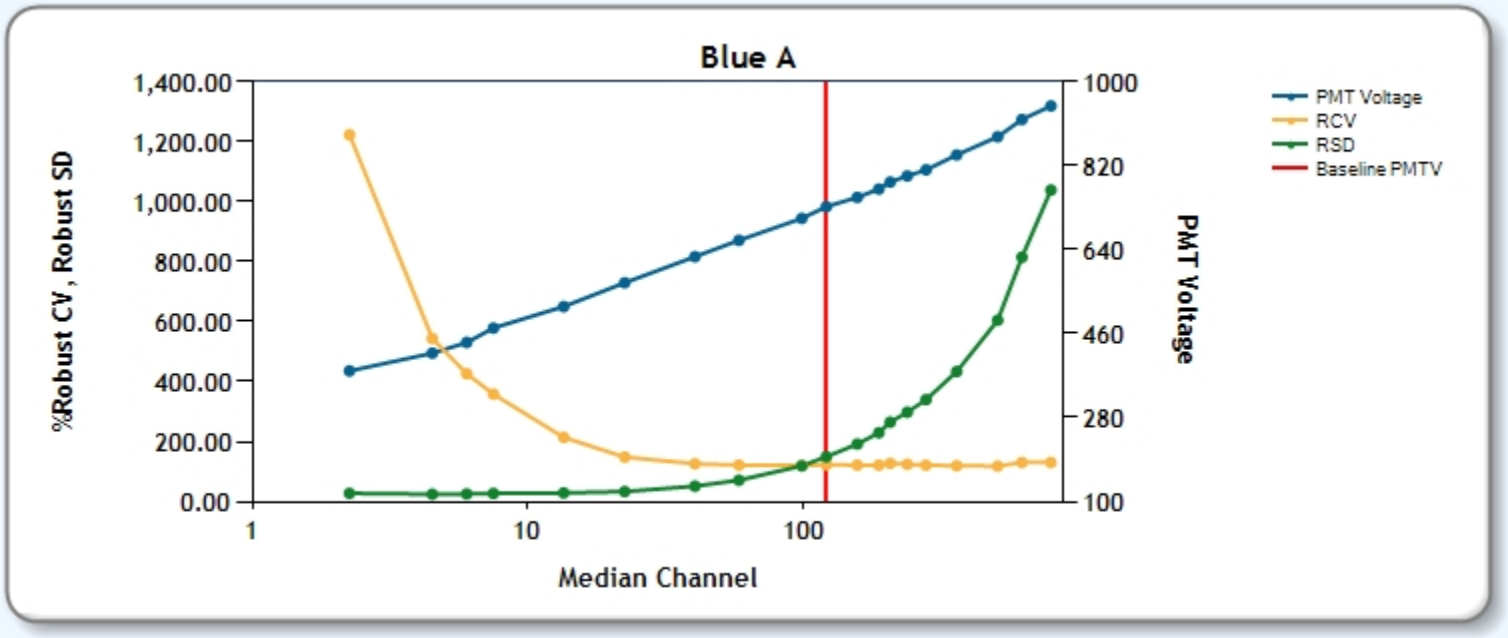

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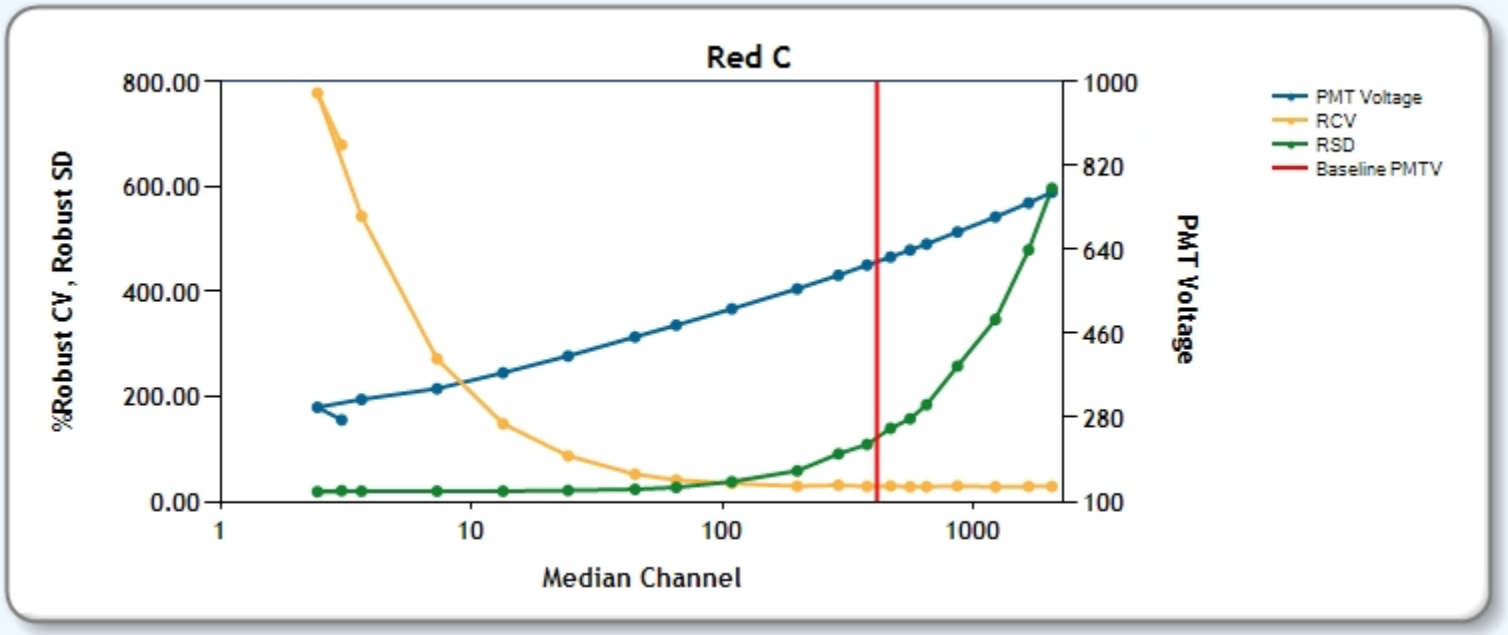

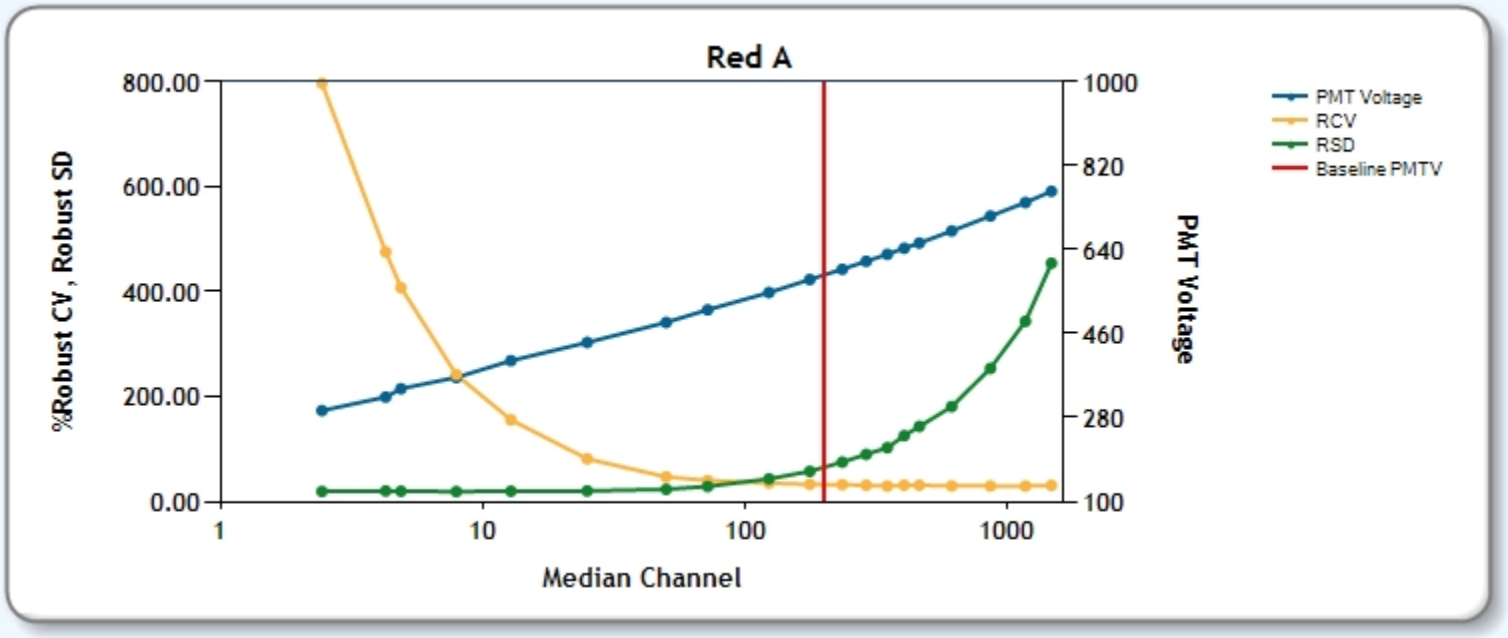

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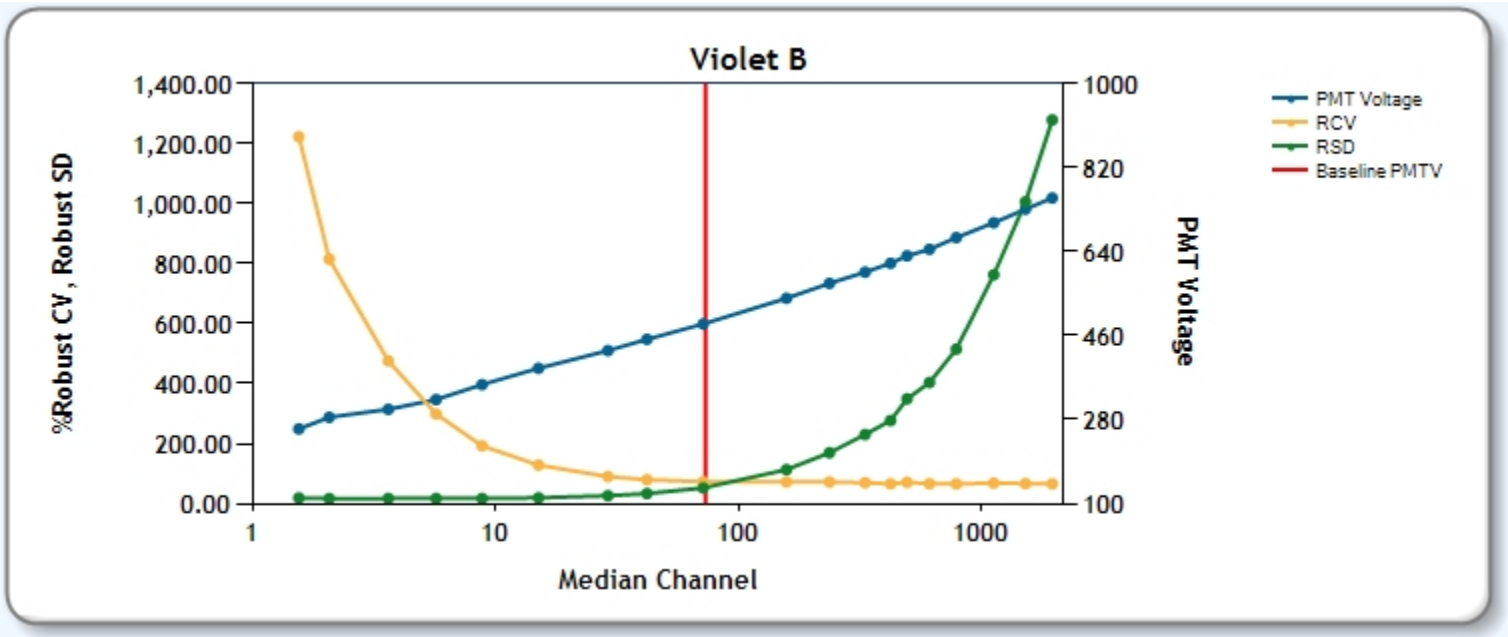

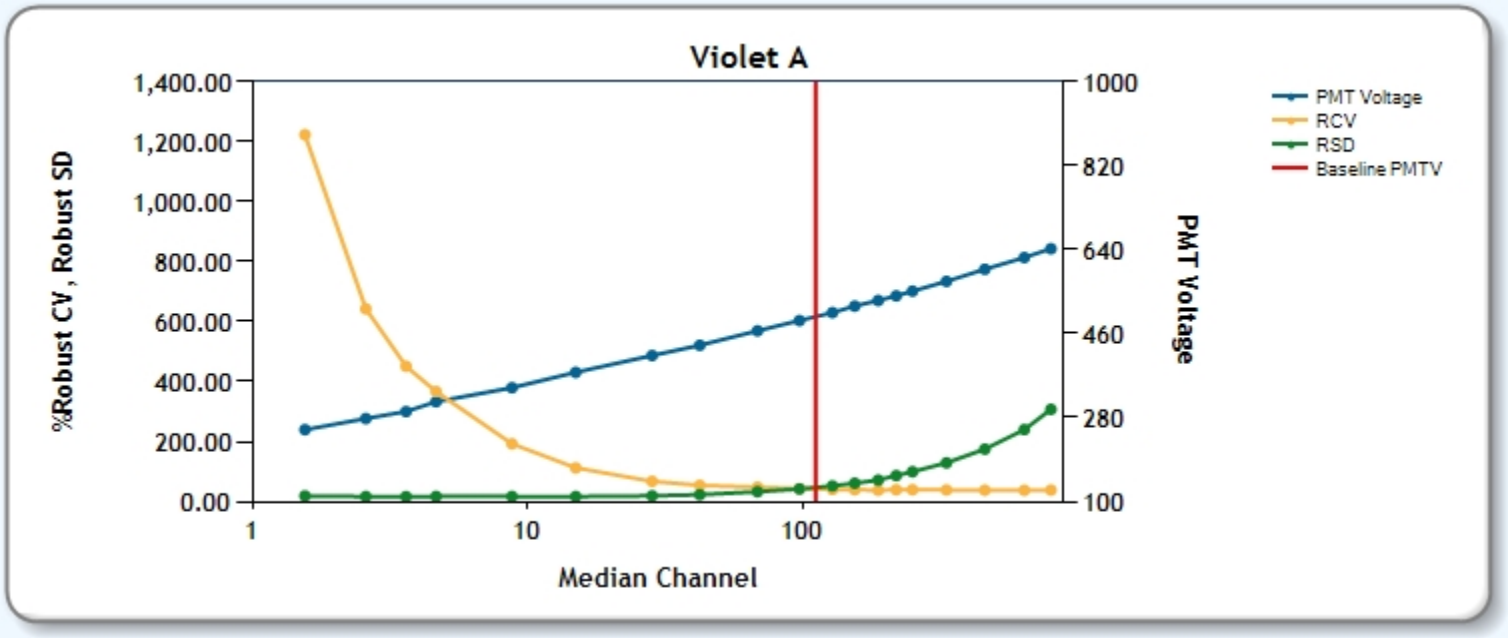

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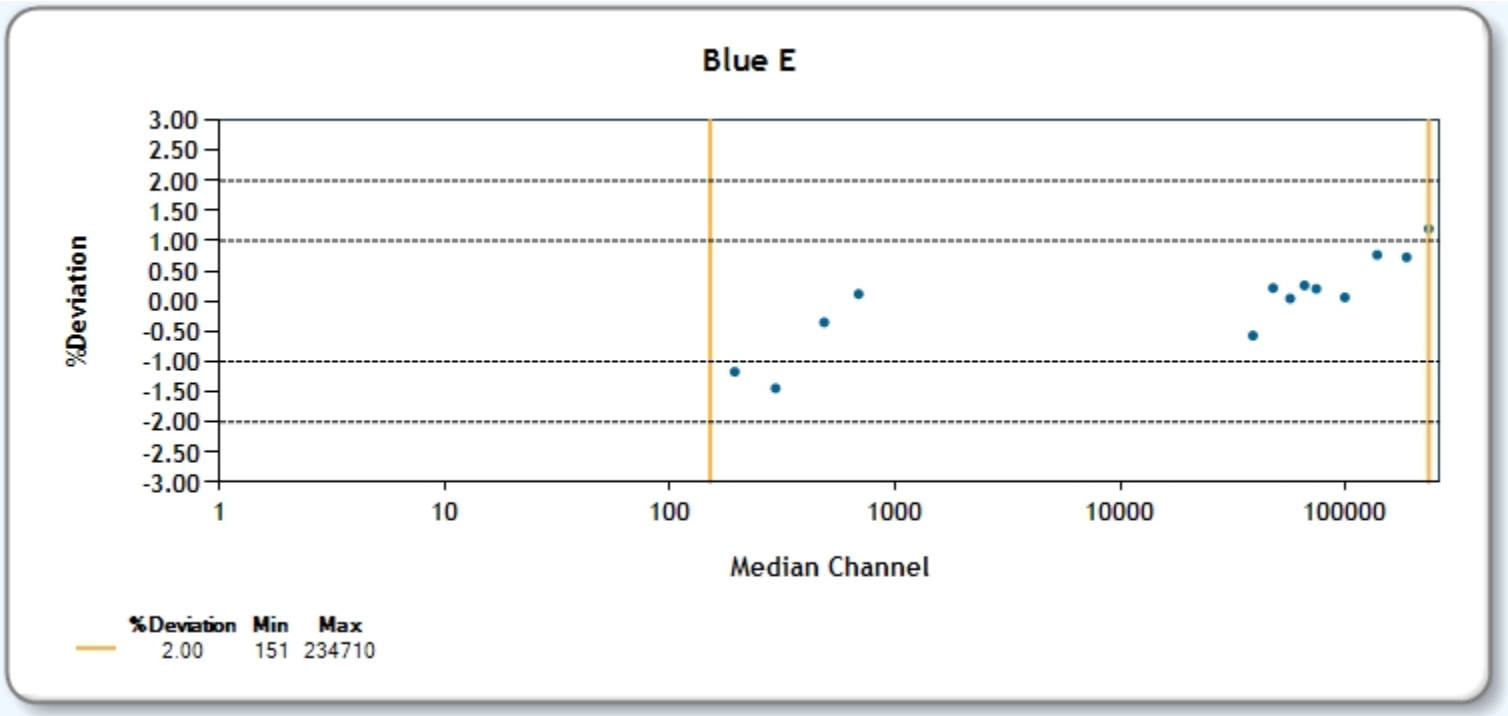
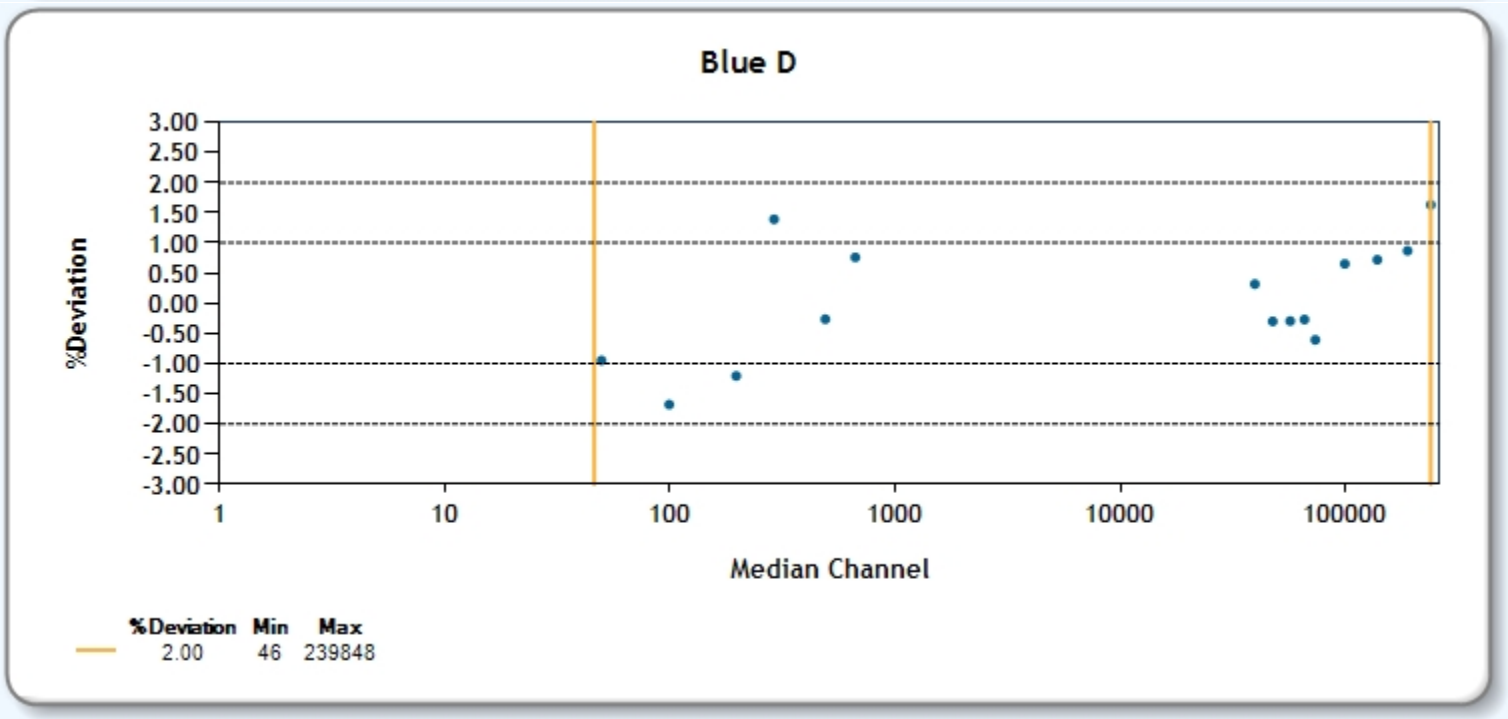
Linearity Results





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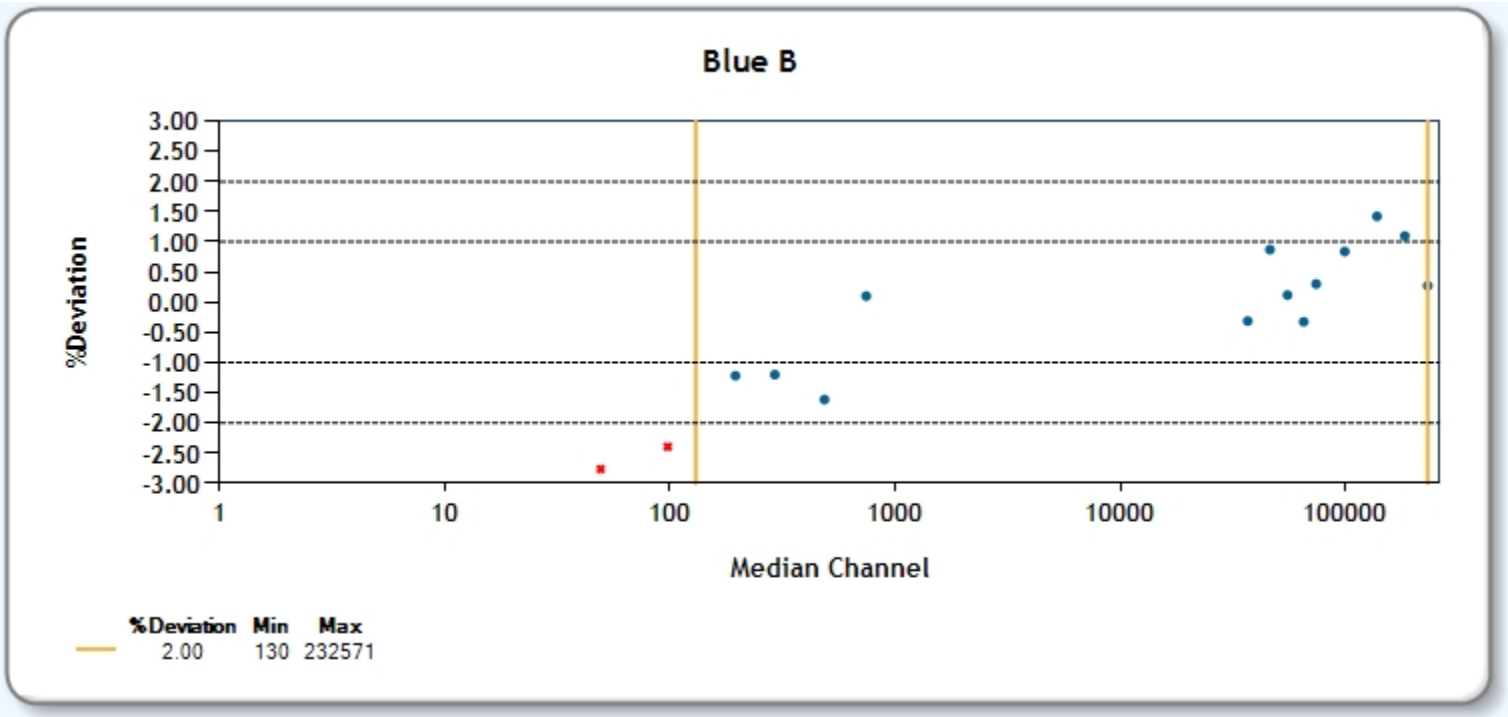

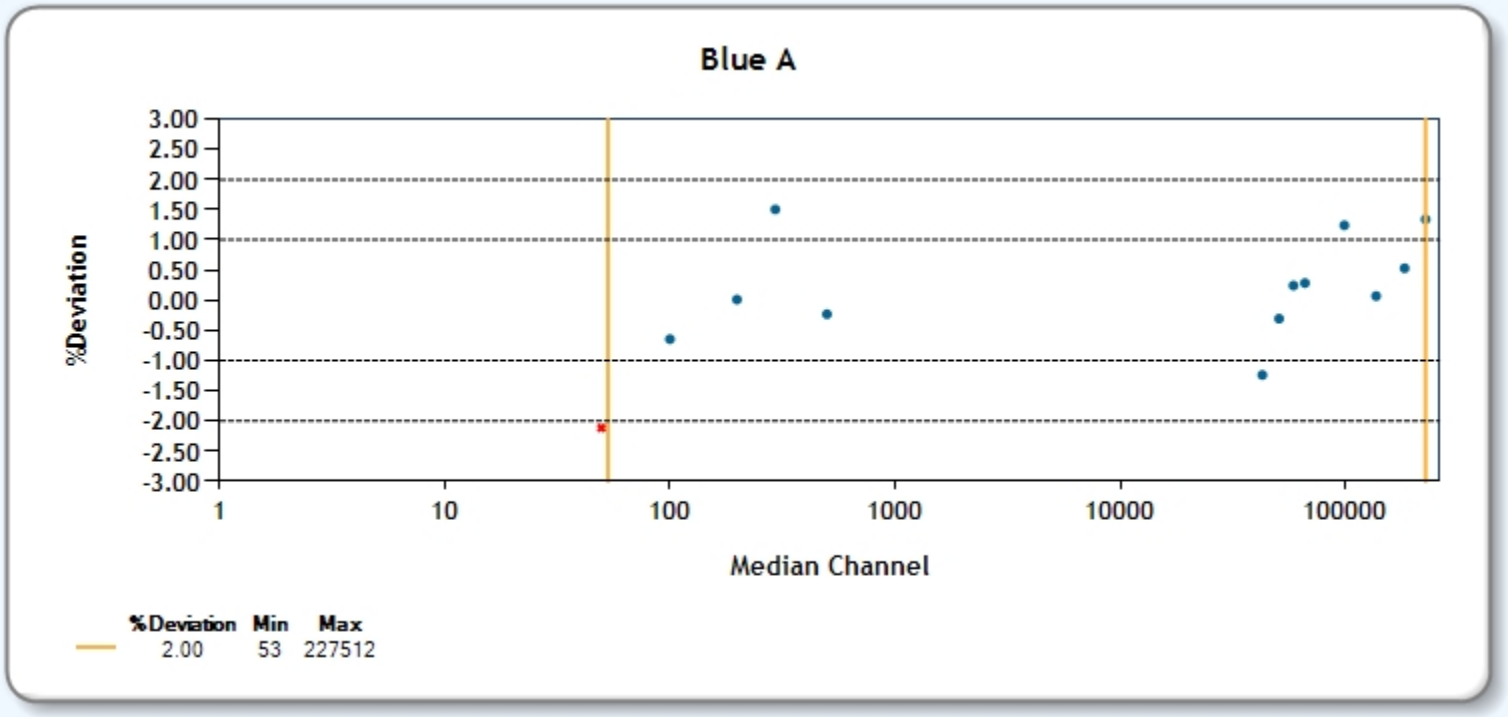

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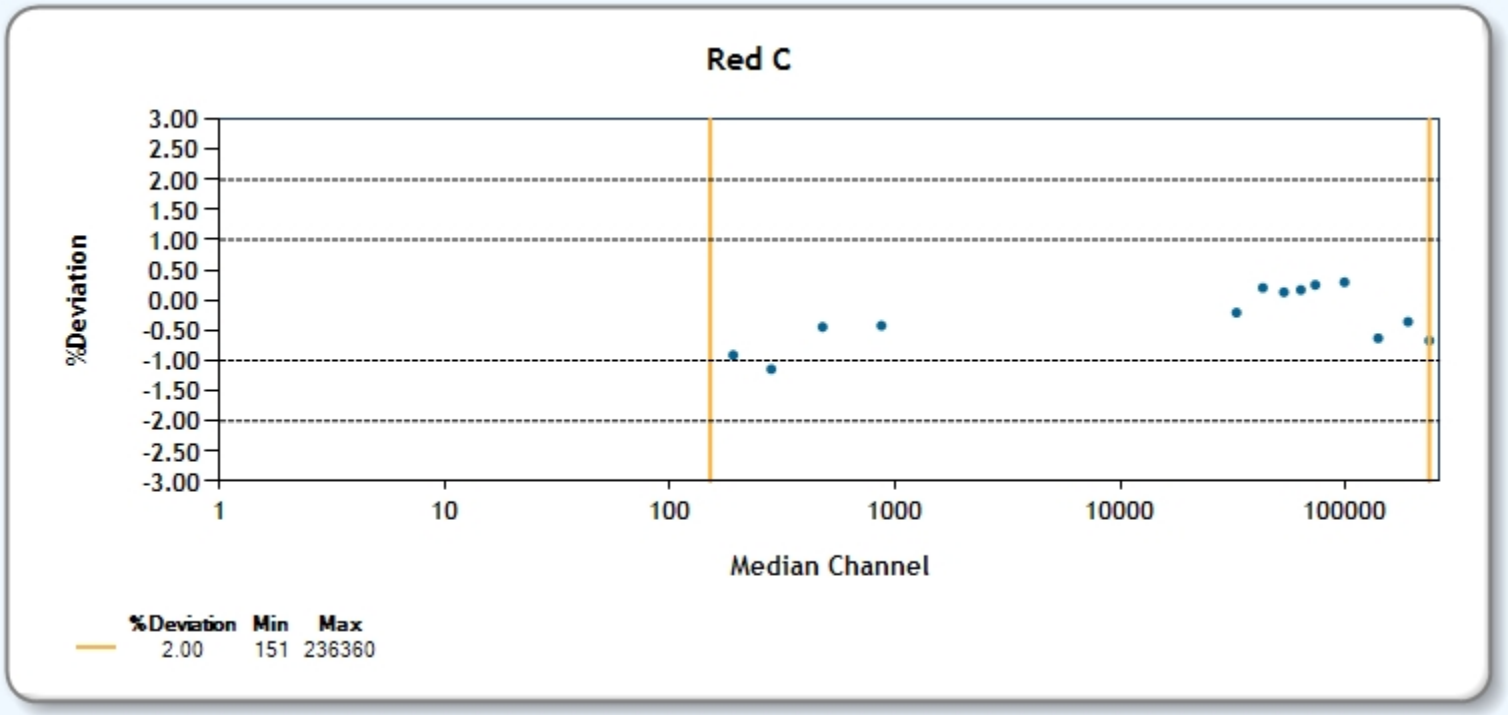

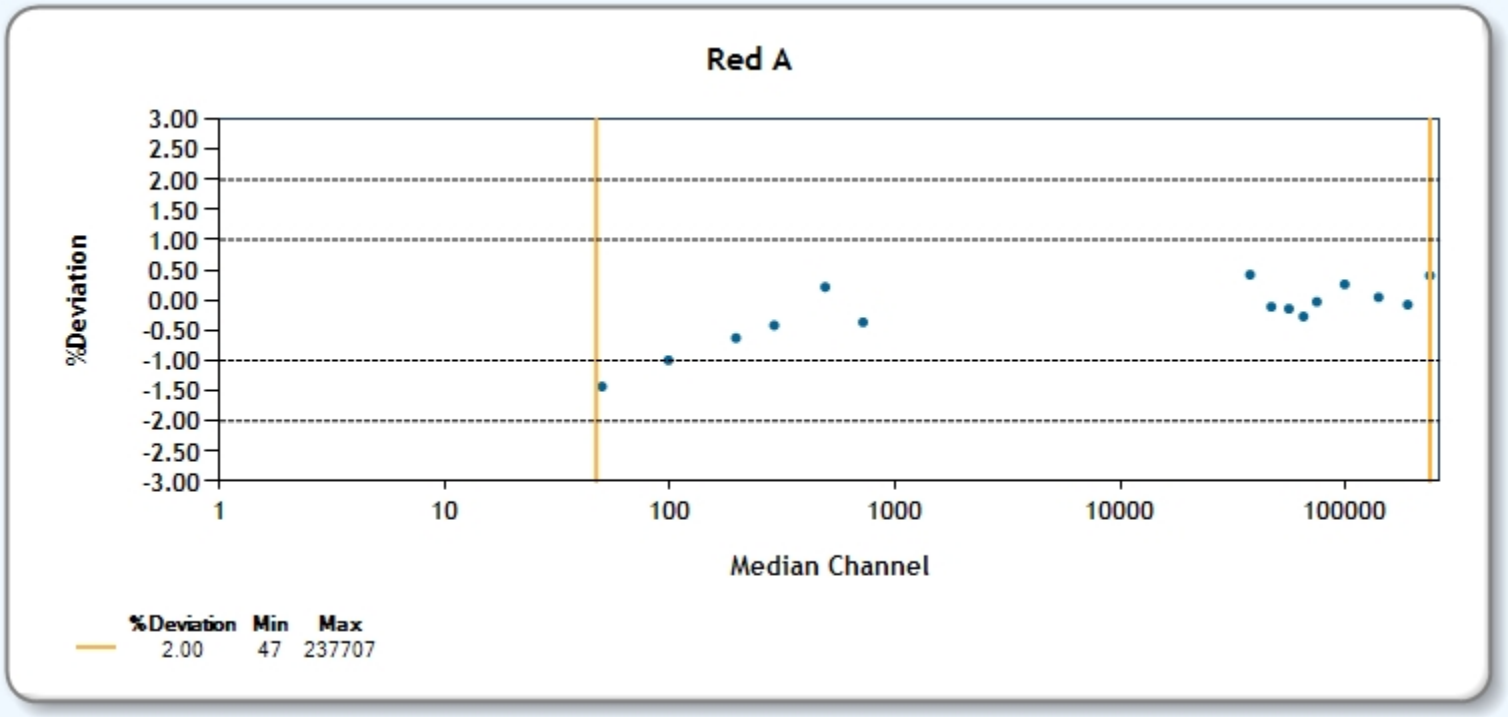

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